



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 161772

TO: Joseph F Murphy
Location: rem/4D78/4C70
Art Unit: 1646

Aug 24, 2005

Case Serial Number: 10/030585

From: P. Sheppard
Location: Remsen Building
Phone: (571) 272-2529

sheppard@uspto.gov

Search Notes

STIC-Biotech/ChemLib

161772

MS

From: Murphy, Joseph
Sent: Monday, August 08, 2005 9:57 AM
To: STIC-Biotech/ChemLib
Subject: 10030585

STIC/Biotech:

Please search SEQ ID NO: 1-4 against protein databases.

Please include an interference search.

Please send the results on DISK.

Thanks a lot...

Joseph F. Murphy, Ph.D.
Primary Examiner, Art Unit 1646
joseph.murphy@uspto.gov
Remsen 4D78
Mailbox: 4C70
(571) 272-0877

STAFF USE ONLY

Searcher: _____
Searcher Phone: 2- _____
Date Searcher Picked up: _____
Date Completed: _____
Searcher Prep/Rev. Time: _____
Online Time: _____

Type of Search

NA#: _____ AA#: _____
Interference: _____ SPDI: _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure#: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable

STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other(Specify): _____

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADO
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	27	AUG 11	Derwent World Patents Index(R) web-based training during August
NEWS	28	AUG 11	STN AnaVist workshops to be held in North America
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
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NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:27:17 ON 24 AUG 2005

=> file medline biosis embase caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 15:27:27 ON 24 AUG 2005

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FILE 'CAPLUS' ENTERED AT 15:27:27 ON 24 AUG 2005

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L1 237 RIORDAN JOHN R/AU

=> s chang xui bao/au

L2 0 CHANG XUI BAO/AU

=> s cftr AND export AND butyrate AND screen?

L3 1 CFTR AND EXPORT AND BUTYRATE AND SCREEN?

=> d l3 ibib kwic

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:183010 CAPLUS

DOCUMENT NUMBER: 140:232117

TITLE: Establishment of intestinal epithelial cell culture and application in identifying absorbable active ingredients in natural health products

INVENTOR(S): Lin, Yi-Chan James; Tam, Yun K.; Semple, Hugh Alexander; Sloley, Brian Duff

PATENT ASSIGNEE(S): Kinetana Group Inc., Can.

SOURCE: PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018657	A1	20040304	WO 2003-CA1265	20030822
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2447824 AA 20040223 CA 2003-2447824 20030822

US 2004115801 A1 20040617 US 2003-648081 20030825

PRIORITY APPLN. INFO.: US 2002-405525P P 20020823

WO 2003-CA1265 W 20030822

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB The invention provides cell cultures and culture conditions that
 facilitate the establishment of an intestinal epithelial cell culture that
 has characteristics of the intestinal epithelium, such as: transepithelial
 elec. resistance, enzyme expression (expression of alkaline phosphatase,
 dipeptidyl peptidase IV, aminopeptidase, and aminopeptidase A) and
 microvilli morphol. Cell cultures of the invention may use fatty acids
 such as sodium **butyrate** and kinase modulators such as
 2-{1-[3-(amidinothio)propyl]-1H-indol-3-yl}-3-(1-meethylindol-3yl)-
 maleimide methanesulfonate (Ro 31-8220). In an example the
 differentiation of human SCBN cells under conditions of the invention was
 studied and gene expression profile and efflux transporter activity were
 determined Although the invention may be used to conduct permeability
screening in a manner similar to how Caco-2 the industry standard is
 used, it has a unique and novel application in identifying absorbable
 active ingredients in natural health products (or natural products or
 nutraceuticals or botanicals or herbals or dietary supplements) or any
 products that contain mixts. of ingredients of interest (as marker
 substances or active ingredients) or botanicals. Exemplary determination of

the ingredient profile of Gingko biloba is reported.

ST intestinal epithelium cell culture differentiation **screening**
 SCBN human; natural health product absorption intestinal epithelial cell
 culture

IT Transport proteins
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (bile salt **export** pump, expression profile; establishment of
 intestinal epithelial cell culture and application in identifying
 absorbable active ingredients in natural health products)

IT Animal cell line
 Biomarkers
 Buffers
 Cell differentiation
 Cell morphology
 Culture media
 Drug **screening**
 Genetic engineering
 Ginkgo biloba
 Human
 Microvillus
 Signal transduction, biological
 (establishment of intestinal epithelial cell culture and application in
 identifying absorbable active ingredients in natural health products)

IT CD36 (antigen)
CFTR (cystic fibrosis transmembrane conductance regulator)
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (expression profile; establishment of intestinal epithelial cell
 culture and application in identifying absorbable active ingredients in
 natural health products)

IT 107-92-6D, Butanoic acid, salts 156-54-7, Sodium **butyrate**

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(differentiating compound; establishment of intestinal epithelial cell
culture and application in identifying absorbable active ingredients in
natural health products)

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L4 1 CFTR AND EXPORT AND BUTYRATE

=> s cftr AND export AND screen?
L5 1 CFTR AND EXPORT AND SCREEN?

=> s cftr (a) export (a) screen?
L6 0 CFTR (A) EXPORT (A) SCREEN?

=> s cftr AND er AND process?
L7 118 CFTR AND ER AND PROCESS?

=> s cftr AND er AND process? AND scree?
L8 2 CFTR AND ER AND PROCESS? AND SCREE?

=> dup rem l8
PROCESSING COMPLETED FOR L8
L9 2 DUP REM L8 (0 DUPLICATES REMOVED)

=> d l9 total ibib kwic

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:523329 CAPLUS
DOCUMENT NUMBER: 143:55340
TITLE: Protein sequences of biomolecule partition motifs and
uses thereof
INVENTOR(S): Li, Min; Shikano, Sojin
PATENT ASSIGNEE(S): Johns Hopkins University, USA
SOURCE: PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005053811	A2	20050616	WO 2004-US39285	20041122
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-524380P P 20031121

IT Genetic element
RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(ER localization signal; protein sequences of biomol.
partition motifs and uses thereof)

IT Alzheimer's disease
Cystic fibrosis

Diabetes mellitus
Drug **screening**
Drugs
Electroporation
Endoplasmic reticulum
Epitopes
Gene therapy
Genetic vectors
Glycosylation
Human
Molecular cloning
Nucleic acid library
Plasmid vectors
Post-translational **processing**
Protein motifs
Protein sequences
Therapy
Transformation, genetic
Vaccines

(protein sequences of biomol. partition motifs and uses thereof)

IT Antibodies and Immunoglobulins

Antigens

CFTR (cystic fibrosis transmembrane conductance regulator)

Chimeric gene

Cytokine receptors

DNA

G protein-coupled receptors

Insulin receptors

Interleukin 1

Interleukin 10

Interleukin 11

Interleukin 12

Interleukin 13

Interleukin 14

Interleukin 15

Interleukin 16

Interleukin 17

Interleukin 18

Interleukin 19

Interleukin 2

Interleukin 20

Interleukin 21

Interleukin 22

Interleukin 23

Interleukin 24

Interleukin 3

Interleukin 5

Interleukin 6

Interleukin 7

Interleukin 8

Interleukin 9

Multidrug resistance proteins

P-glycoproteins

Potassium channel

RNA

Rhodopsins

Transport proteins

Tumor necrosis factors

RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(protein sequences of biomol. partition motifs and uses thereof)

DOCUMENT NUMBER: 139:175479
 TITLE: Differential requirements of novel AlPiZ degradation deficient (ADD) genes in ER-associated protein degradation
 AUTHOR(S): Palmer, Elizabeth A.; Kruse, Kristina B.; Fewell, Sheara W.; Buchanan, Sean M.; Brodsky, Jeffrey L.; McCracken, Ardythe A.
 CORPORATE SOURCE: Biology Department, University of Nevada, Reno, NV, 89557, USA
 SOURCE: Journal of Cell Science (2003), 116(11), 2361-2373
 CODEN: JNCSAI; ISSN: 0021-9533
 PUBLISHER: Company of Biologists Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 108 THERE ARE 108 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

- TI Differential requirements of novel AlPiZ degradation deficient (ADD) genes in ER-associated protein degradation
- AB In the eukaryotic cell, a protein quality control process termed endoplasmic reticulum-associated degradation (ERAD) rids the ER of aberrant proteins and unassembled components of protein complexes that fail to reach a transport-competent state. To identify novel genes required for ERAD, we devised a rapid immunoassay to screen yeast lacking uncharacterized open reading frames that were known targets of the unfolded protein response (UPR), a cellular response that is induced when aberrant proteins accumulate in the ER. Six genes required for the efficient degradation of the Z variant of the α 1-proteinase inhibitor (AlPiZ), a known substrate for ERAD, were identified, and anal. of other ERAD substrates in the six AlPiZ-degradation-deficient (add) mutants suggested diverse requirements for the Add proteins in ERAD. Finally, we report on bioinformatic analyses of the new Add proteins, which will lead to testable models to elucidate their activities.
- IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (KAR2, kar2-1 and add double mutants; differential requirements of AlPiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in ER-associated protein degradation)
- IT Genetic element
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (UPRE (unfolded protein response element), reporter; differential requirements of AlPiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in ER-associated protein degradation)
- IT Transcriptional regulation
 (activation, UPR (unfolded protein response), add mutant phenotype; differential requirements of AlPiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in ER-associated protein degradation)
- IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (add06/YDR400w; differential requirements of AlPiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in ER-associated protein degradation)
- IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (add37/YMR184w; differential requirements of AlPiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in ER-associated protein degradation)
- IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (add39/YHR043c; differential requirements of AlPiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in ER-associated protein degradation)

IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (add66/YKL206c; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (add67/YLR380w; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (add68/YFL049w; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT **CFTR** (cystic fibrosis transmembrane conductance regulator)
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (degradation; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT Endoplasmic reticulum
 Protein degradation
 Protein folding
Saccharomyces cerevisiae
 (differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT Proteins
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (genes ADD37, ADD66, and ADD68; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT Transport proteins
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (phosphatidylinositol transfer protein, gene ADD67/CSR1/SFH2; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT α -Factor (microbial)
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (pro-, degradation; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT 9041-92-3, α 1-Proteinase inhibitor
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (Z variant; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT 9025-47-2, Uridine nucleosidase
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (gene ADD06; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT 65187-56-6, 2-Deoxyglucose-6-phosphate phosphatase
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (gene ADD39/DOG2; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

IT 22537-48-0, Cd2+, biological studies
 RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
 (sensitivity, add68 mutant phenotype; differential requirements of A1PiZ (α 1-trypsin inhibitor-Z) degradation deficient (ADD) genes in **ER**-associated protein degradation)

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L10 0 CFTR AND ER AND PROCESS? AND BUTYRATE

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(FILE 'HOME' ENTERED AT 15:27:17 ON 24 AUG 2005)

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 15:27:27 ON 24 AUG 2005

L1 237 S RIORDAN JOHN R/AU
L2 0 S CHANG XUI BAO/AU
L3 1 S CFTR AND EXPORT AND BUTYRATE AND SCREEN?
L4 1 S CFTR AND EXPORT AND BUTYRATE
L5 1 S CFTR AND EXPORT AND SCREEN?
L6 0 S CFTR (A) EXPORT (A) SCREEN?
L7 118 S CFTR AND ER AND PROCESS?
L8 2 S CFTR AND ER AND PROCESS? AND SCREE?
L9 2 DUP REM L8 (0 DUPLICATES REMOVED)
L10 0 S CFTR AND ER AND PROCESS? AND BUTYRATE

=> s cftr AND er AND process? AND mutant

L11 74 CFTR AND ER AND PROCESS? AND MUTANT

=> dup rem l11

PROCESSING COMPLETED FOR L11

L12 25 DUP REM L11 (49 DUPLICATES REMOVED)

=> d l12 total ibib

L12 ANSWER 1 OF 25 MEDLINE on STN DUPLICATE 1
ACCESSION NUMBER: 2005279583 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15923638
TITLE: Most F508del-CFTR is targeted to degradation at
an early folding checkpoint and independently of calnexin.
AUTHOR: Farinha Carlos M; Amaral Margarida D
CORPORATE SOURCE: Department of Chemistry and Biochemistry, Faculty of
Sciences, University of Lisboa, 1749-016 Lisboa, Portugal.
SOURCE: Molecular and cellular biology, (2005 Jun) 25 (12) 5242-52.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200507
ENTRY DATE: Entered STN: 20050601
Last Updated on STN: 20050715
Entered Medline: 20050714

L12 ANSWER 2 OF 25 MEDLINE on STN DUPLICATE 2
ACCESSION NUMBER: 2005099445 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15537638
TITLE: Destabilization of the transmembrane domain induces
misfolding in a phenotypic mutant of cystic
fibrosis transmembrane conductance regulator.
AUTHOR: Choi Mei Y; Partridge Anthony W; Daniels Craig; Du Kai;
Lukacs Gergely L; Deber Charles M
CORPORATE SOURCE: Division of Structural Biology and Biochemistry and Program
in Cell and Lung Biology, Research Institute, Hospital for
Sick Children, Toronto, Ontario M5G 1X8, Canada.
SOURCE: Journal of biological chemistry, (2005 Feb 11) 280 (6)
4968-74. Electronic Publication: 2004-11-10.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals

ENTRY MONTH: 200504
ENTRY DATE: Entered STN: 20050301
Last Updated on STN: 20050406
Entered Medline: 20050405

L12 ANSWER 3 OF 25 MEDLINE on STN
ACCESSION NUMBER: 2005413986 IN-PROCESS
DOCUMENT NUMBER: PubMed ID: 15880796
TITLE: Pharmacological induction of **CFTR** function in
patients with cystic fibrosis: mutation-specific therapy.
AUTHOR: Kerem Eitan
CORPORATE SOURCE: Department of Pediatrics and Cystic Fibrosis Center,
Hadassah University Hospital, Jerusalem, Israel.
SOURCE: Pediatric pulmonology, (2005 Sep) 40 (3) 183-96.
Journal code: 8510590. ISSN: 8755-6863.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: NONMEDLINE; IN-DATA-REVIEW; IN-PROCESS; NONINDEXED;
Priority Journals
ENTRY DATE: Entered STN: 20050804
Last Updated on STN: 20050804

L12 ANSWER 4 OF 25 MEDLINE on STN DUPLICATE 3
ACCESSION NUMBER: 2004558325 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15530432
TITLE: Thapsigargin or curcumin does not promote maturation of
processing mutants of the ABC
transporters, **CFTR**, and P-glycoprotein.
AUTHOR: Loo Tip W; Bartlett M Claire; Clarke David M
CORPORATE SOURCE: Department of Medicine and Department of Biochemistry,
University of Toronto, Toronto, Ont., Canada.
SOURCE: Biochemical and biophysical research communications, (2004
Dec 10) 325 (2) 580-5.
Journal code: 0372516. ISSN: 0006-291X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200502
ENTRY DATE: Entered STN: 20041109
Last Updated on STN: 20050218
Entered Medline: 20050217

L12 ANSWER 5 OF 25 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 2004228055 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15126691
TITLE: **CFTR** and chaperones: **processing** and
degradation.
AUTHOR: Amaral Margarida D
CORPORATE SOURCE: Department of Chemistry and Biochemistry, Faculty of
Sciences, University of Lisboa, Lisboa, Portugal..
mdamaral@fc.ul.pt
SOURCE: Journal of molecular neuroscience : MN, (2004) 23 (1-2)
41-8. Ref: 42
Journal code: 9002991. ISSN: 0895-8696.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200409
ENTRY DATE: Entered STN: 20040506

Last Updated on STN: 20040902
Entered Medline: 20040901

L12 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:474689 CAPLUS
DOCUMENT NUMBER: 139:175479
TITLE: Differential requirements of novel AlPiZ degradation
deficient (ADD) genes in ER-associated
protein degradation
AUTHOR(S): Palmer, Elizabeth A.; Kruse, Kristina B.; Fewell,
Sheara W.; Buchanan, Sean M.; Brodsky, Jeffrey L.;
McCracken, Ardythe A.
CORPORATE SOURCE: Biology Department, University of Nevada, Reno, NV,
89557, USA
SOURCE: Journal of Cell Science (2003), 116(11), 2361-2373
CODEN: JNCSAI; ISSN: 0021-9533
PUBLISHER: Company of Biologists Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 108 THERE ARE 108 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L12 ANSWER 7 OF 25 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2003471113 MEDLINE
DOCUMENT NUMBER: PubMed ID: 13130143
TITLE: 5' exon replacement and repair by spliceosome-mediated RNA
trans-splicing.
AUTHOR: Mansfield S Gary; Clark Rebecca Hawkins; Puttaraju M; Kole
Jolanta; Cohn Jonathan A; Mitchell Lloyd G; Garcia-Blanco
Mariano A
CORPORATE SOURCE: Intronn, Inc., Gaithersburg, Maryland 20878, USA.
Department of Medicine, Duke University Medical Center,
Durham, North Carolina 27713, USA.
CONTRACT NUMBER: 1 R43 DK56526-03 (NIDDK)
SOURCE: RNA (New York, N.Y.), (2003 Oct) 9 (10) 1290-7.
Journal code: 9509184. ISSN: 1355-8382.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200310
ENTRY DATE: Entered STN: 20031010
Last Updated on STN: 20031029
Entered Medline: 20031028

L12 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:573191 CAPLUS
DOCUMENT NUMBER: 140:231953
TITLE: Investigation of folding and degradation of in vitro
synthesized mutant proteins in microsomes
AUTHOR(S): Cuthbert, Alan W.; Fuller, Will
CORPORATE SOURCE: Department of Medicine, Addenbrooke's Hospital,
University of Cambridge, Cambridge, UK
SOURCE: Methods in Molecular Biology (Totowa, NJ, United
States) (2003), 232(Protein Misfolding and Disease),
265-283
CODEN: MMBIED; ISSN: 1064-3745
PUBLISHER: Humana Press Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:910840 CAPLUS
 DOCUMENT NUMBER: 138:352183
 TITLE: Functional ATPase activity of p97/valosin-containing protein (VCP) is required for the quality control of endoplasmic reticulum in neuronally differentiated mammalian PC12 cells
 AUTHOR(S): Kobayashi, Taeko; Tanaka, Keiko; Inoue, Kiyoshi; Kakizuka, Akira
 CORPORATE SOURCE: Graduate School of Biostudies, Kyoto University, Kyoto, 606-8501, Japan
 SOURCE: Journal of Biological Chemistry (2002), 277(49), 47358-47365
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 10 OF 25 MEDLINE on STN DUPLICATE 6
 ACCESSION NUMBER: 2002253060 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11877404
 TITLE: Diffusional mobility of the cystic fibrosis transmembrane conductance regulator **mutant**, delta F508-**CFTR**, in the endoplasmic reticulum measured by photobleaching of GFP-**CFTR** chimeras.
 AUTHOR: Haggie Peter M; Stanton Bruce A; Verkman A S
 CORPORATE SOURCE: Department of Medicine, Cardiovascular Research Institute, University of California, San Francisco, California 94143-0521, USA.
 CONTRACT NUMBER: DK34533 (NIDDK)
 DK43840 (NIDDK)
 DK45881 (NIDDK)
 EB00415 (NIBIB)
 EY13574 (NEI)
 HL59198 (NHLBI)
 HL60288 (NHLBI)
 SOURCE: Journal of biological chemistry, (2002 May 10) 277 (19) 16419-25. Electronic Publication: 2002-02-27.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200206
 ENTRY DATE: Entered STN: 20020507
 Last Updated on STN: 20030105
 Entered Medline: 20020613

L12 ANSWER 11 OF 25 MEDLINE on STN DUPLICATE 7
 ACCESSION NUMBER: 2002423268 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12082160
 TITLE: A role for mammalian Ubc6 homologues in **ER**-associated protein degradation.
 AUTHOR: Lenk Uwe; Yu Helen; Walter Jan; Gelman Marina S; Hartmann Enno; Kopito Ron R; Sommer Thomas
 CORPORATE SOURCE: The Max-Delbruck-Centrum fur Molekulare Medizin, Robert-Rossle-Str. 10, 13092 Berlin, Germany.
 SOURCE: Journal of cell science, (2002 Jul 15) 115 (Pt 14) 3007-14.
 Journal code: 0052457. ISSN: 0021-9533.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020816
Last Updated on STN: 20021228
Entered Medline: 20021227

L12 ANSWER 12 OF 25 MEDLINE on STN DUPLICATE 8
ACCESSION NUMBER: 2002339673 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12082151
TITLE: The cellular fate of **mutant** rhodopsin: quality control, degradation and aggresome formation.
AUTHOR: Saliba Richard S; Munro Peter M G; Luthert Philip J; Cheetham Michael E
CORPORATE SOURCE: Division of Pathology, Institute of Ophthalmology, University College London, UK.
SOURCE: Journal of cell science, (2002 Jul 15) 115 (Pt 14) 2907-18. Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020626
Last Updated on STN: 20021228
Entered Medline: 20021227

L12 ANSWER 13 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:611017 CAPLUS
DOCUMENT NUMBER: 139:272502
TITLE: **Processing** and intracellular trafficking of wild-type and **mutant CFTR**
AUTHOR(S): Farinha, C. M.; Amaral, M. D.
CORPORATE SOURCE: Department of Chemistry and Biochemistry, Faculty of Sciences, University of Lisboa, Port.
SOURCE: European Cystic Fibrosis Conference, Proceedings, 25th, Genoa, Italy, June 20-23, 2002 (2002), 1-8. Editor(s): Romano, Luca; Manno, Graziana; Galiotta, Luis JV. Monduzzi Editore: Bologna, Italy. CODEN: 69EHVV; ISBN: 88-323-2622-1
DOCUMENT TYPE: Conference
LANGUAGE: English
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 14 OF 25 MEDLINE on STN DUPLICATE 9
ACCESSION NUMBER: 2001693193 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11739639
TITLE: Correction of delF508-**CFTR** activity with benzo(c)quinolizinium compounds through facilitation of its **processing** in cystic fibrosis airway cells.
AUTHOR: Dormer R L; Derand R; McNeilly C M; Mettey Y; Bulteau-Pignoux L; Metaye T; Vierfond J M; Gray M A; Galiotta L J; Morris M R; Pereira M M; Doull I J; Becq F; McPherson M A
CORPORATE SOURCE: Department of Medical Biochemistry, University of Wales College of Medicine, Heath Park, Cardiff, Wales CF14 4XN, UK.. dormer@cardiff.uk
SOURCE: Journal of cell science, (2001 Nov) 114 (Pt 22) 4073-81. Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals

ENTRY MONTH: 200204
ENTRY DATE: Entered STN: 20011217
Last Updated on STN: 20020412
Entered Medline: 20020410

L12 ANSWER 15 OF 25 MEDLINE on STN DUPLICATE 10
ACCESSION NUMBER: 2001329513 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11396922
TITLE: Expression and degradation of the cystic fibrosis
transmembrane conductance regulator in *Saccharomyces cerevisiae*.
AUTHOR: Kiser G L; Gentzsch M; Kloser A K; Balzi E; Wolf D H;
Goffeau A; Riordan J R
CORPORATE SOURCE: S. C. Johnson Medical Research Center, Mayo Clinic
Scottsdale, Scottsdale, Arizona 85259, USA.
CONTRACT NUMBER: DK54076 (NIDDK)
SOURCE: Archives of biochemistry and biophysics, (2001 Jun 15) 390
(2) 195-205.
Journal code: 0372430. ISSN: 0003-9861.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010716
Last Updated on STN: 20010716
Entered Medline: 20010712

L12 ANSWER 16 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:887051 CAPLUS
DOCUMENT NUMBER: 136:164508
TITLE: Folding of glycoproteins in the endoplasmic reticulum
of mammalian cells
AUTHOR(S): Braakman, Ineke; Land, Aafke; Maggioni, Claudia;
Jansens, Annemieke; Zonneveld, Duco; Van Anken, Eelco;
Benham, Adam; Holopainen, Kati; Kleizen, Bertrand;
Liscaljet, Marije
CORPORATE SOURCE: Department of Bio-Organic Chemistry, Utrecht
University, Utrecht, NL 3508 TB, Neth.
SOURCE: Nova Acta Leopoldina, Supplementum (2001),
16(Structure, Self-Organization and Stability of
Proteins: Experiments and Models), 83-84
CODEN: NLPBSC; ISSN: 0369-4771
PUBLISHER: Deutsche Akademie der Naturforscher Leopoldina
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 17 OF 25 MEDLINE on STN DUPLICATE 11
ACCESSION NUMBER: 2000188724 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10720935
TITLE: Defects in **processing** and trafficking of the
cystic fibrosis transmembrane conductance regulator.
AUTHOR: Skach W R
CORPORATE SOURCE: Division of Molecular Medicine, Oregon Health Sciences
University, Portland, USA.. skachw@ohsu.edu
SOURCE: Kidney international, (2000 Mar) 57 (3) 825-31. Ref: 42
Journal code: 0323470. ISSN: 0085-2538.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 200005
ENTRY DATE: Entered STN: 20000525
Last Updated on STN: 20000525
Entered Medline: 20000518

L12 ANSWER 18 OF 25 MEDLINE on STN DUPLICATE 12
ACCESSION NUMBER: 1999292797 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10362539
TITLE: **Processing** of **CFTR** bearing the P574H
mutation differs from wild-type and deltaF508-**CFTR**
AUTHOR: Ostedgaard L S; Zeiher B; Welsh M J
CORPORATE SOURCE: Howard Hughes Medical Institute, Departments of Internal
Medicine and Physiology and Biophysics, University of Iowa
College of Medicine, Iowa City, Iowa 52242, USA.
CONTRACT NUMBER: HL42385 (NHLBI)
SOURCE: Journal of cell science, (1999 Jul) 112 (Pt 13) 2091-8.
Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199909
ENTRY DATE: Entered STN: 19990913
Last Updated on STN: 19990913
Entered Medline: 19990902

L12 ANSWER 19 OF 25 MEDLINE on STN DUPLICATE 13
ACCESSION NUMBER: 2000050097 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10581361
TITLE: Influence of phosphorylation by protein kinase A on
CFTR at the cell surface and endoplasmic reticulum.
AUTHOR: Seibert F S; Chang X B; Aleksandrov A A; Clarke D M;
Hanrahan J W; Riordan J R
CORPORATE SOURCE: Mayo Foundation and S.C. Johnson Medical Research Center,
Mayo Clinic, 13400 E. Shea Blvd., Scottsdale, AZ 85259,
USA.
SOURCE: Biochimica et biophysica acta, (1999 Dec 6) 1461 (2)
275-83. Ref: 48
Journal code: 0217513. ISSN: 0006-3002.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200001
ENTRY DATE: Entered STN: 20000114
Last Updated on STN: 20000114
Entered Medline: 20000106

L12 ANSWER 20 OF 25 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 14
ACCESSION NUMBER: 1999287613 EMBASE
TITLE: Removal of multiple arginine-framed trafficking signals
overcomes misprocessing of Δ F508 **CFTR**
present in most patients with cystic fibrosis.
AUTHOR: Chang X.-B.; Cui L.; Hou Y.-X.; Jensen T.J.; Aleksandrov
A.A.; Mengos A.; Riordan J.R.
CORPORATE SOURCE: J.R. Riordan, Mayo Foundation, S.C. Johnson Medical
Research Center, Mayo Clinic, 13400 East Shea Boulevard,
Scottsdale, AZ 85259, United States. riordan@mayo.edu
SOURCE: Molecular Cell, (1999) Vol. 4, No. 1, pp. 137-142.

Refs: 29
ISSN: 1097-2765 CODEN: MOCEFL
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 19990826
Last Updated on STN: 19990826

L12 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1997:597319 CAPLUS
DOCUMENT NUMBER: 127:276615
TITLE: Structural cues involved in endoplasmic reticulum
degradation of G85E and G91R **mutant** cystic
fibrosis transmembrane conductance regulator
AUTHOR(S): Xiong, Ximing; Bragin, Alvina; Widdicombe, Jonathan
H.; Cohn, Jonathan; Skach, William R.
CORPORATE SOURCE: Department of Molecular and Cellular Engineering and
Department of Medicine, University of Pennsylvania,
Philadelphia, PA, 19104, USA
SOURCE: Journal of Clinical Investigation (1997), 100(5),
1079-1088
CODEN: JCINAO; ISSN: 0021-9738
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 22 OF 25 MEDLINE on STN DUPLICATE 15
ACCESSION NUMBER: 1998170884 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9511934
TITLE: Strategies for correcting the delta F508 **CFTR**
protein-folding defect.
AUTHOR: Brown C R; Hong-Brown L Q; Welch W J
CORPORATE SOURCE: Department of Medicine, The University of California, San
Francisco 94143, USA.
CONTRACT NUMBER: GM33551 (NIGMS)
SOURCE: Journal of bioenergetics and biomembranes, (1997 Oct) 29
(5) 491-502. Ref: 50
Journal code: 7701859. ISSN: 0145-479X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199806
ENTRY DATE: Entered STN: 19980611
Last Updated on STN: 19980611
Entered Medline: 19980602

L12 ANSWER 23 OF 25 MEDLINE on STN DUPLICATE 16
ACCESSION NUMBER: 97365770 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9222597
TITLE: Chemical chaperones correct the **mutant** phenotype
of the delta F508 cystic fibrosis transmembrane conductance
regulator protein.
COMMENT: Comment in: Cell Stress Chaperones. 2000 Jul;5(3):161-2.
PubMed ID: 11005373
AUTHOR: Brown C R; Hong-Brown L Q; Biwersi J; Verkman A S; Welch W
J
CORPORATE SOURCE: Department of Medicine, University of California-SF, School

of Medicine 94143-0854, USA.
CONTRACT NUMBER: GM 33551 (NIGMS)
SOURCE: Cell stress & chaperones, (1996 Jun) 1 (2) 117-25.
Journal code: 9610925. ISSN: 1355-8145.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199709
ENTRY DATE: Entered STN: 19970922
Last Updated on STN: 20010702
Entered Medline: 19970908

L12 ANSWER 24 OF 25 MEDLINE on STN DUPLICATE 17
ACCESSION NUMBER: 96006531 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7553863
TITLE: Degradation of CFTR by the ubiquitin-proteasome pathway.
AUTHOR: Ward C L; Omura S; Kopito R R
CORPORATE SOURCE: Department of Biological Sciences, Stanford University, California 94305-5020, USA.
CONTRACT NUMBER: DK43994 (NIDDK)
SOURCE: Cell, (1995 Oct 6) 83 (1) 121-7.
Journal code: 0413066. ISSN: 0092-8674.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199511
ENTRY DATE: Entered STN: 19951227
Last Updated on STN: 20000303
Entered Medline: 19951107

L12 ANSWER 25 OF 25 MEDLINE on STN DUPLICATE 18
ACCESSION NUMBER: 95112818 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7529176
TITLE: Conformational maturation of CFTR but not its mutant counterpart (delta F508) occurs in the endoplasmic reticulum and requires ATP.
AUTHOR: Lukacs G L; Mohamed A; Kartner N; Chang X B; Riordan J R; Grinstein S
CORPORATE SOURCE: Research Institute, Hospital for Sick Children, Toronto, Canada.
SOURCE: EMBO journal, (1994 Dec 15) 13 (24) 6076-86.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199502
ENTRY DATE: Entered STN: 19950217
Last Updated on STN: 20000303
Entered Medline: 19950203